

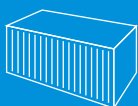
SP 2035

AIR CONDITIONER



**HIGH PERFORMANCE
DC INVERTER**

MADE IN JAPAN



20 ft = -
40 ft = 185
HQ = 207



W x D x H =
in: 870x340x380 mm
out: 925x380x610 mm



Gross =
13 kg/
38 kg

zibro®

home made climates

Product data sheet

Product range	split unit air conditioners
Brand name	Zibro
Model	SP2035
Colour	White
EAN code indoor unit	8713508743899
EAN code outdoor unit	8713508743905

Technical specifications

		Cooling	Heating
EER / COP *	W/W	4.44	5.05
EE-Class / Heating performance *		A	A
Capacity (nom.)*	kW	2.93	3.87
Capacity (min-max)*	kW	0.85-3.5	0.7-5.3
Power consumption nom. (min-max) Cooling/Heating	kW	0.66 (0.155-0.925)	0.77 (0.155-0.1255)
Power supply	V/Hz/Ph	230 / 50 / 1	
Current (nom.) Cooling/Heating**	A	2.9	3.4
Air flow (nom.) Cooling/Heating**	m ³ /h	540/660	
For rooms up to **	m ³	85-110	
Dehumidification capacity ***	L/24 h	38	
Operating range	°C	-15 / +43	
Thermostatic range	°C	16 / 30	
Noise level in-/outdoor**	dB(A)	25-43 / 42	
Fan speed		3 positions	
Negative ions generated	cc/air	n/a	
Control		electronic / remote	
Air filter	type	Moldproof screen filter / Photocatalytic Anti Odor / Static Catechin Anti Germ	
Refrigerant type / charge	R / gr	R410A / 1100	
Dimensions indoor (w x d x h)	mm	799 x 210 x 295	
Dimensions outdoor (w x d x h)	mm	780 x 278 x 550	
Compressor type		rotary	
Compressor brand		Mitsubishi	
Compressor country of origin		Japan	
Max. pipe length ****	m	10	
Max. difference in height between indoor and outdoor unit ****	m	5	
Protection class in- / outdoor	IP	x0 / x4	
Weight in- / outdoor	kg	9.5 / 35	
Sheathed heater (Nordic heating) included		yes	
Guarantee	years	2	

* Measured conform EN 14511

** To be used as indication

*** Moisture removal at 27°C, 60% RH

**** When over 5 mtrs additional refrigerant is needed, check installation manual

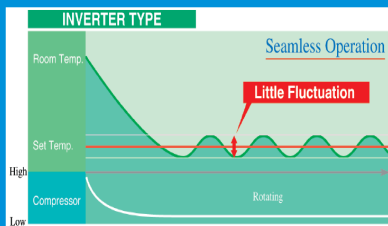
Accessories

Manual	DK F FIN GB I N NL PL S SLO
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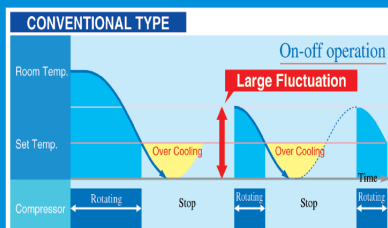
Most important spare parts

Spare part description	EAN Code
Remote Control	
Remote control holder	
AAA batteries (2 pcs)	
Drain elbow for outdoor unit	
User instruction manual	

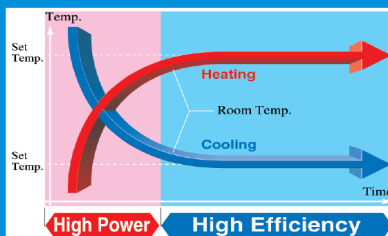
SP 2035 AIR CONDITIONER



Inverter type



Conventional type



Extra frost protection
in outdoor unit

Features

Made in Japan

The complete unit is designed and manufactured in Japan under Japanese quality regime including ISO 9001 and ISO 14001. Also the compressor is of Japanese brand

Inverter technology: maximum comfort

The Zibro DC Inverter split wall mounted air conditioner continuously adjusts the cooling and heating capacity according to the desired room temperature. When the desired temperature is reached, the compressor speed is gradually decreased to maintain the room temperature with a minimum of variation. By varying gradually the compressor capacity and lifetime as well as the experienced comfort will increase. Looking at the experienced comfort level for the user of the inverter system: Non-inverter air conditioners, which operate at a constant speed, must turn on/off the compressor to control the room temperature causing less comfortable temperature fluctuations.

Inverter technology: minimum energy consumption

The compressor starts to slow down as the room temperature reaches the desired temperature. As a result, the over all power consumption is reduced significantly (up to 35 % less than non inverter/conventional types). With its EER of 4.44 and its COP of 5.05 this airconditioner is extremely energy efficient.

Inverter technology: environmental friendly

Because of the extremely high EER and COP ratings together with the use of R410A refrigerant this airconditioner can be positioned among the most environmental friendly airconditioners.

Cooling + dehumidifying + heating (heat pump).

The air conditioning is a complete air treatment system. It can cool, dehumidify and heat the air all in one.

Air conditioning/cooling:

In cooling mode the unit produces, with high energy efficiency, a pleasant and refreshing, high capacity, cool airflow. Unhealthy particles are captured by the air filters. Performance is optimal when the entering of outside air to the room is avoided.

Heating

In HEATING mode the unit produces a warm and comfortable airflow.

Dehumidifying

In DRY mode the unit dehumidifies the air in the room as efficient as possible. Note: In COOLING mode the air is also dehumidified.

Fan speed setting:

Select with the fan speed button: automatic, low, medium or high. The LCD display on the remote control will show the chosen speed.

Air filtration:

The air conditioner is equipped with three stage air filter arrangement. The first stage is a mold proof airtfilter to clean the circulated room air. The mold proof air filter prevents mold from groing and thus delivers clean air from the airconditioner. The second stage is a rechargeable photocatalytic Anti-Odor filter, which filters the air from unpleasant smells. This filter can be re-charged by simply putting it into direct sunlight for approximately 6 hours in every six months. The expexted life-time of approximately 3 years makes it very user friendly. The third and last stage is a Static Catechin Anti Germ filter which inhibits the proliferation of viruses and germs which might be contained in the circulated room air. Due to this three filter stages the air is filtered in a highly effective way removing pollen, dust, viruses, germs, odors and cigarette smoke, ensuring a high quality indoor comfort level.

Environment friendly refrigerant R410A

The most preferred and environmental friendly refrigerant R410A is used in the air conditioner.

Remote control:

The unit can be operated with an easy to handle remote control including LCD-display. The air conditioner can be operated up to a distance of 7 meters.

Remote control clock:

The remote control is equipped with a clock showing the actual time.

Remote control holder:

The remote control can be placed in the wall-mounted holder which is delivered together with the Airconditioner.

Automatic operation:

The air conditioning system can be set to automatic operation for the most suitable MODE: Cooling, Dehumidifying or Heating, monitoring the indoor temperature automatically and adjusting the mode accordingly

Sleep Mode timer function

This function enables the air conditioner to increase (cooling) or decrease (heating) automatically 0.6°C per hour for the first two hours and then maintain the same temperature for the in the timer set time period, after which the air conditioner will stop operating automatically. It maintains the most comfortable temperature and saves energy at the same time.

Timer:

Because the remote controller is equipped with a 24 hour clock the TIMER can be set on and/or off at every possible 10 minute interval time within the next 24 hours. The unit switches ON or OFF automatically when the set time is reached.

Emergency button:

Especially to control the unit when the remote control is not operational. When this button is pressed the unit will operate in automatic mode.

Quick start function

The airconditioner is equipped with a quick start programme. In order to reach the desired room temperature as quick as possible after start up the airconditioner starts heating or cooling under high power output.

Hot start function:

In order to prevent cool or unpleasant air from blowing out of the indoor unit when the air conditioner starts heating or soon after a defrosting operation, the fan speed is controlled according to the temperature detected by the sensor attached to the evaporator.

Auto restart function:

If there is any power failure during operation, the operation status before power failure is memorised and the unit starts operating automatically after power recovery.

Self diagnosis function:

This function is activated when something is wrong with the air conditioner. The indoor unit's LED indicator will display the error condition.

Swing of Airflow:

The horizontal louvers can be placed in the automatic moving position by simply pushing the "Louver" button on the remote control. The horizontal louvers will now keep moving within a prefixed interval.

Adjustable Airflow:

To adjust the airflow direction to a fixed position, the horizontal louvers can be moved to a fixed position by pushing the "Louver" button on the remote control a second time. The vertical louvers can be adjusted manually.

Nordic heating:

This unit contains an extra heating element in the outdoor unit, which allows transportation of condensation water at ambient temperature of maximum -15°C in winter. Even with these low temperatures, the unit is capable to keep on functioning.

Design:

The air conditioner is part of an exclusive range of Zibro products.